

Message Text

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ACTION OES-05

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FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC PRIORITY 9931

UNCLAS MOSCOW 6259

DEPARTMENT PASS ERDA, MR. B.D. HILL

E.O. 11652: NA

TAGS: ENRG UR US

SUBJECT: US-USSR ENERGY AGREEMENT: CTR COOPERATION

REF: MOSCOW 6039

1. THERE FOLLOWS UNOFFICIAL EMBASSY TRANSLATION OF SOVIET PROPOSALS FOR CTR COOPERATIVE ACTIVITIES IN 1976.

(A) ACTIVITY (IN THE USSR): WG 1/1 DEVELOPMENT OF WORKING DESIGN OF DIVERTER FOR DEMONSTRATION TOKOMAK; SITE: INST. ELECTRO-PHYSICAL APPARATUSES (NIEFA), AND IAE; DURATION: NINE WEEKS; PARTICIPANTS: FOUR; QUARTER: 1 - 2.

(B) ACTIVITY (IN THE USSR): WG 2/1 CONCEPTUAL DESIGN OF BLANKET FOR DEMONSTRATION TOKOMAK REACTOR; SITE: IAE, NIEFA; DURATION: FOUR WEEKS; PARTICIPANTS: THREE; QUARTER: 2 - 3.

(C) ACTIVITY (IN THE USSR): WG 3/1 SYSTEMS ANALYSIS OF IMPULSE THERMONUCLEAR REACTOR WITH RELATIVISTIC ELECTRON BEAMS; SITE: IAE, INST. PHYSICS, INST. ATOMIC PHYSICS (NOVOSIBIRSK); DURATION: THREE WEEKS; PARTICIPANTS: FOUR; QUARTER: 3-4

(D) ACTIVITY (IN THE USSR): WG 4/1 SUMMARIZATION OF TOKOMAK EXPERIMENT RESULTS; SITE: IAE; DURATION: TWO WEEKS; PARTICIPANTS: FIVE; QUARTER: 3-4

(E) ACTIVITY (IN THE USSR): WG 5/1 JOINT WORK. EXPERIMENTS
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ON "T-10"; SITE: IAE; DURATION: 39 WEEKS;

PARTICIPANTS: TWO; QUARTER: 2-4

(F) ACTIVITY (IN THE USSR): WG 6/1 JOINT WORK. EXPERIMENTS
ON "TUMAN- INSTALLATION; SITE: LENINGRAD PHYS-TECH INST;
DURATION: NINE WEEKS; PARTICIPANTS/ QUARTER/ 2-3

(G) ACTIVITY (IN THE USSR): WG 7/1 JOINT WORK. EXPERIMENTS
ON "URAGAN" INSTALLATION; SITE: KHAR'KOV PHYS-TECH INST;
DURATION: 13 WEEKS; PARTICIPANTS: TWO; QUARTER: 1-2

(H) ACTIVITY (IN THE USSR): WG 8/1 JOINT WORK. EXPERIMENTS
ON "PSP" INSTALLATION; SITE: INST. ATOMIC PHYSICS (NOVOSIBIRSK);
DURATION: 13 WEEKS; PARTICIPANTS: TWO; QUARTER 2-3.

(I) ACTIVITY (IN THE USSR): WG 9/1

JOINT WORK. EXPERIMENTS

WITH INDUCED ACCUMULATED ENERGY; SITE: NIIEFA; DURATION:
NINE WEEKS; PARTICIPANTS: TWO; QUARTER: 4.

(J) ACTIVITY (IN THE USSR): WG 10/1 JOINT WORK. RELATIVISTIC
BEAMS AND COLLECTIVE EFFECTS /PHENOMENA IN PLASMA (THEORY
AND EXPERIMENT); SITE: INST. ATOMIC PHYSICS (NOVOSIBIRSK),
IAE; DURATION: THREE WEEKS; PARTICIPANTS: THREE; QUARTER: 2-3

(K) ACTIVITY (IN THE USSR): WG 11/1 JOINT WORK. INVESTIGATION
OF RADIATION EXCHANGE AND SURFACE DAMAGE OF MATERIALS;
SITE: ?; DURATION: NINE WEEKS; PARTICIPANTS: FOUR;

QUARTER:

(L) ACTIVITY (IN THE USSR): WG 12/1 JOINT SEMINAR. "SYSTEMS
ANALYSIS OF CONSTRUCTION THERMONUCLEAR POWER STATIONS";
SITE: SUKHUMI PHYS-TECH INST.; DURATION: TWO WEEKS;
PARTICIPANTS: FIVE; QUARTER: 3-4.

(M) ACTIVITY (IN THE USSR): WG 13/1 JOINT SEMINAR. "HIGH
FREQUENCY AND ULTRA HIGH FREQUENCY METHODS OF HEATING PLASMA
IN TOKOMAKS" (THEORY AND PRACTICE); SITE: KHAR'KOV PHYS-TECH
INST, LENINGRAD PHYS-TECH INST, IAE; DURATION: THREE WEEKS;
PARTICIPANTS: FOUR; QUARTER: 2-3.

(N) ACTIVITY (IN THE USSR): WG 14/1 JOINT SEMINAR. "NON-
LINEAR EFFECTS/PHENOMENA IN PLASMA"; SITE: IAE; DURATION:
TWO WEEKS; PARTICIPANTS: FOUR; QUARTER: 4.

(O) ACTIVITY (IN THE USSR): WG 15/1 MEETING OF JOINT FUSION
POWER COORDINATING COMMITTEE: SITE: USSR; DURATION: TWO
WEEKS; PARTICIPANTS: 10; QUARTER: 2.

(A) ACTIVITY (IN THE US): WG 1/2 TECHNICAL PROJECT ON
DEVELOPMENT OF WORKING DESIGN OF 100 KV INJECTOR FOR
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DEMONSTRATION TOKOMAK REACTOR; SITE: OAK RIDGE; DURATION: 13
WEEKS; PARTICIPANTS: FOUR; QUARTER: 1-2.

(B) ACTIVITY (IN THE US): WG2/2 CONCEPTUAL DESIGN OF
SUPERCONDUCTING MAGNETIC SYSTEM FOR DEMONSTRATION TOKOMAK
REACTOR; SITE: OAK RIDGE; DURATION: EIGHT WEEKS;
PARTICIPANTS: THREE; QUARTER: 3-4.

(C) ACTIVITY (IN THE US): WG 3/2 JOINT WORK. EXPERIMENTS
ON "PLT"; SITE: PRINCETON; DURATION: 26/AND 9 WEEKS;
PARTICIPANTS: 2 AND 2; QUARTER: 2-4.

(D) ACTIVITY (IN THE US): WG 4/2 JOINT WORK. EXPERIMENTS
ON "ALKATOR"; SITE: MIT; DURATION: THREE WEEKS;
PARTICIPANTS: THREE; QUARTER: 3.

(E) ACTIVITY (IN THE US): WG 5/2 JOINT WORK. EXPERIMENTS
WITH ION SOURCES; SITE: BERKELEY; DURATION: THREE WEEKS;
PARTICIPANTS: TWO; QUARTER: 2-3.

(F) ACTIVITY (IN THE US): WG 6/2 JOINT WORK. THEORY OF
TURBULENCE AND MACHINE EXPERIMENT; SITES: LOS ALAMOS AND
UNIVERSITY OF MARYLAND; DURATION: NINE AND THREE WEEKS;
PARTICIPANTS: TWO AND ONE; QUARTER:

(G) ACTIVITY (IN THE US): WG 67/2 JOINT WORK. EXPERIMENTS
ON THETA PINCH; SITE: LOS ALAMOS; DURATION: FOUR WEEKS;
PARTICIPANTS: THREE; QUARTER: ?.

(H) ACTIVITY (IN THE US): WG 8/2 JOINT WORK. EXPERIMENTS
ON OPTICAL(?) MAGNETIC TRAPS; SITE: LAWRENCE LIVERMORE LAB;
DURATION: FOUR WEEKS; PARTICIPANTS: TWO; QUARTER: ?.

(I) ACTIVITY (IN THE US): WG 9/2 JOINT WORK.
TOKOMAK EXPERIMENTS; SITE: U. TEXAS; DURATION: THREE WEEKS;
PARTICIPANTS: THREE; QUARTER: 3.

(J) ACTIVITY (IN THE US): WG 10/2 JOINT WORK. INVESTIGATION
OF RADIATION TRANSFER AND SURFACE DAMAGE OF MATERIALS; SITE: ?.
DURATION: NINE WEEKS; PARTICIPANTS: FOUR; QUARTER: ?.

(J) ACTIVITY (IN THE US): WG 11/2 JOINT WORK. EXPERIMENTS
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ON HIGH FREQUENCY HEATING OF PLASMA IN CLOSED SYSTEMS; SITE:
OAK RIDGE AND PRINCETON; DURATION: THREE WEEKS; PARTICIPANTS:
FOUR; QUARTER: 2.

(L) ACTIVITY (IN THE US): WG 12/2 FAMILIARIZATION VISIT.
"REALTIVISTIC ELECTRON BEAMS"; SITE: CORNELL AND LIVERMORE
LAB; DURATION: THREE WEEKS; PARTICIPANTS: FOUR; QUARTER: ?.

(M) ACTIVITY (IN THE US): WG 13/2 JOINT SEMINAR. THEORY OF
EQUILIBRIUM AND STABILITY/RESISTANCE OF TOROIDAL PLASMA,
THEORY OF TRANSFERS IN CYLINDRICAL RINGS; SITE: ?; DURATION
?; PARTICIPANTS: ?; QUARTER: ?.

2. ORIGINAL COPY OF ABOVE PROPOSALS SENT BY INTERNATIONAL
MAIL FROM SCAE. EMBASSY POUCHING COPY TO OES, REGISTRY
NO 2404063.

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Message Attributes

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